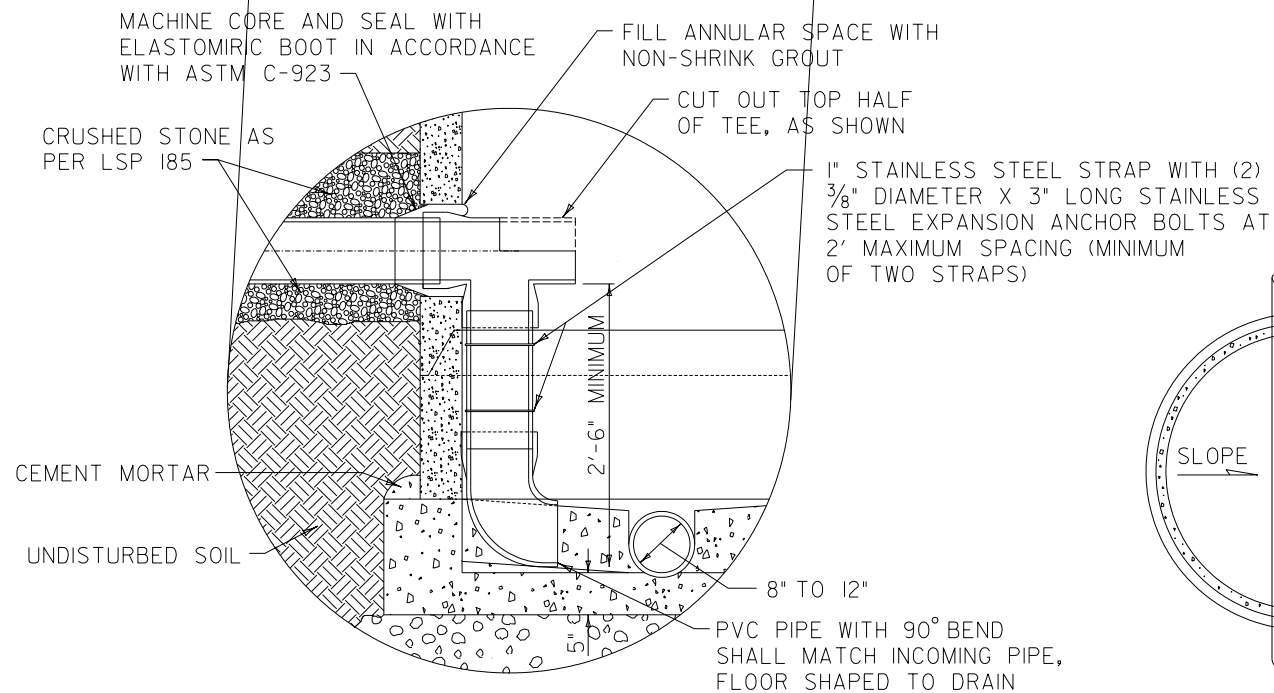
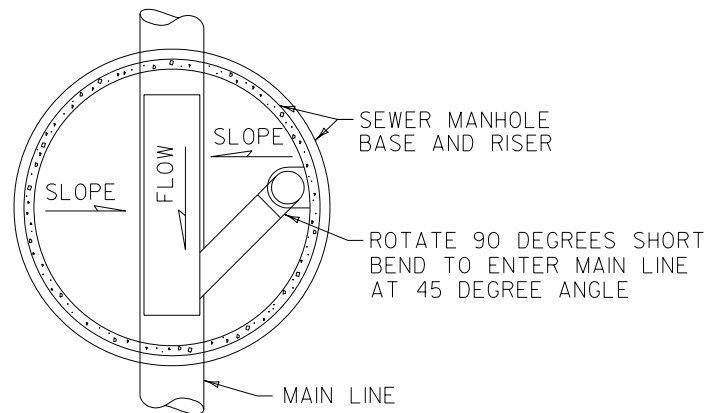


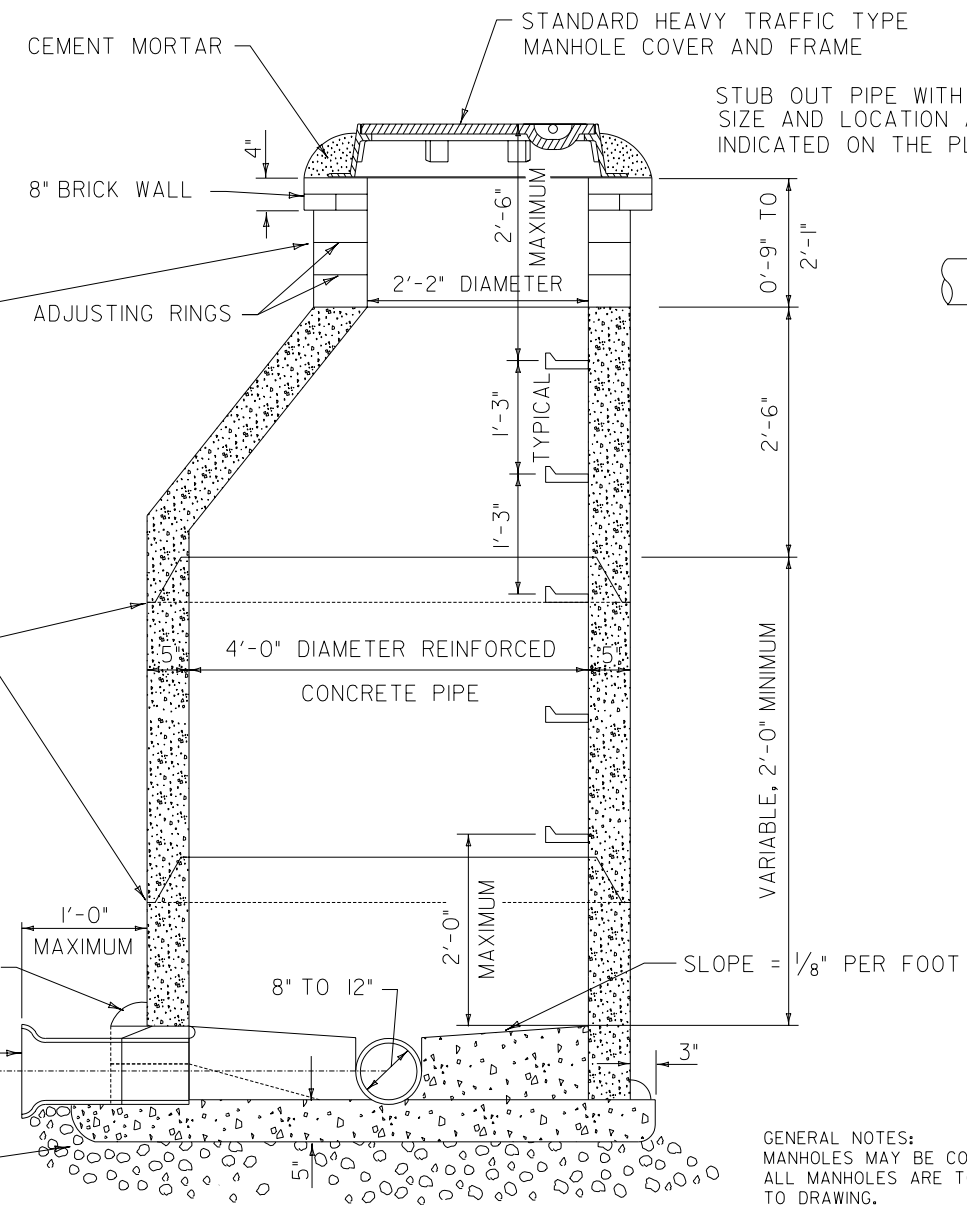
TYPE 'R' (OUTSIDE DROP)



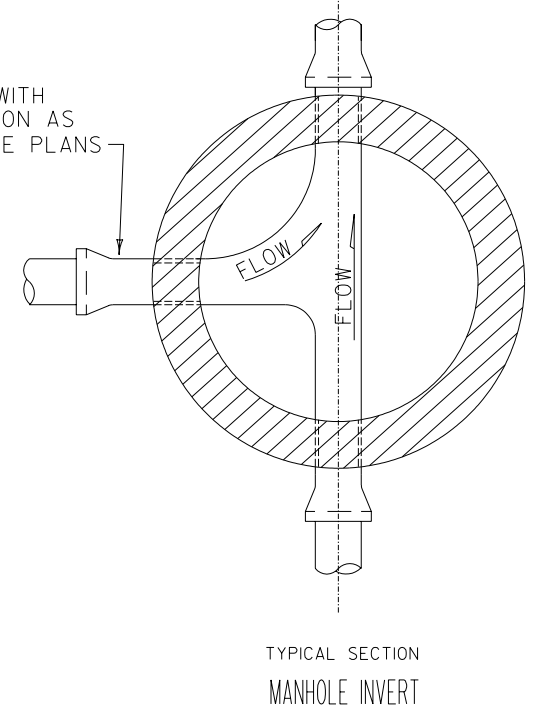
TYPE 'R' (INSIDE DROP 12" PIPE OR LESS)



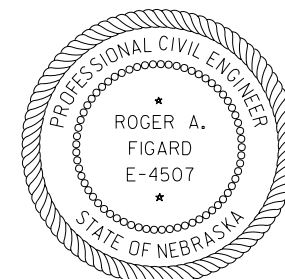
TYPE 'R' INSIDE DROP PLAN (12" PIPE OR LESS)



TYPE 'S' (LINE)



GENERAL NOTES:
 MANHOLES MAY BE CONSTRUCTED OF BRICK OR CONCRETE.
 ALL MANHOLES ARE TO BE CONSTRUCTED CIRCULAR IN PLAN SIMILAR TO DRAWING.
 CONCRETE IN MANHOLE SHALL BE L3500, VIBRATED IN PLACE.
 ALL JOINTS ON BRICK MANHOLES SHALL BE SHAVED, CAREFULLY STRUCK WHEN LAID, THE OUTSIDE SHALL BE FILLED WITH MORTAR, FLUSH WITH THE OUTSIDE OF THE BRICK.
 BRICK MANHOLES SHALL BE FINISHED WITH ONE HALF INCH PLASTER COAT ON THE OUTSIDE & INSIDE COMPOSED OF CEMENT MORTAR, ONE PART PORTLAND CEMENT AND THREE PARTS SAND BY VOLUME.
 THE CAST IRON MANHOLE RING SHALL SET IN A BED OF MORTAR, AND CAREFULLY ADJUST TO PROPOSED GRADE.
 MANHOLE RING AND COVER SHALL BE CITY OF LINCOLN HEAVY TRAFFIC TYPE. (SEE L. S. P. 162)
 MANHOLE FLOOR SHALL BE FINISHED TO A SMOOTH SURFACE.
 PLACE VERTICAL SIDE OF TAPER SECTION FARTHEST FROM BACK OF CURB.
 MANHOLE STEPS SHALL BE CITY OF LINCOLN STANDARD MANHOLE STEPS (SEE L. S. P. 162)
 DROP PIPES SHALL BE OPPOSITE FROM STEPS WHEN POSSIBLE.
 PIPE MATERIAL FOR INSIDE DROP SHALL BE PVC (ASTM D3034, TYPE PSM SDR-35) TO MATCH LATERAL SIZE.
 PIPE FITTINGS SHALL BE SOLVENT WELDED.
 IN THE EVENT AN INSIDE DROP IS ADDED TO AN EXISTING MANHOLE, THE NEW DROP SHALL BE ON TOP OF FLOOR.



REVISIONS			SANITARY SEWER MANHOLES, TYPE 'R' AND 'S'	
NO.	BY	DATE		
1			CITY OF LINCOLN, NEBRASKA OFFICE OF THE CITY ENGINEER Date: 5-03 / CAW Scale: None No. Sheets: 1 PLAN NO. L.S.P. 200 Sheet No. 1	
2				
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